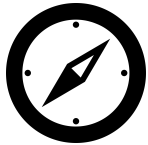


**The Google/Microsoft Infused Classroom Presents:
Visible Thinking Routines with Thinking Amplifier Apps**

Thinking Routine	How It Works	When To Use	Thinking Amplifier App
See Think Wonder 	Emphasizes the importance of observation and close interpretations. The three can be used at different times	Good with ambiguous and complex ideas Photos, text, videos, charts, artifacts, political cartoons	• Spark Post/ - with a template • Flipgrid • Seesaw • Sway
I used to think...now I think 	Reflection and metacognition	For looking at growth of overtime	• Seesaw • Flipgrid • Spark Post/ with a template
Compass 	Taking a stance - Choosing a side Decision making Not a debate	Gets at “groupthink” and individual thinking and works at letting students see multiple perspectives Use with an overall topic, idea or proposition - use for a conflict, dilemmas	• Flipgrid • Socrative • Seesaw

Layers 	A structure for looking analytically at creative works Identifies the layers of a whole	Literature, math, scientific concepts	• Book Creator • Flipgrid
Claim Support Question 	Identifying generalizations- bias and theories	Looking for ways to make counter-arguments Good for Math and Science	• Flipgrid • Sway • Padlet • Screencastify • Spark Video
Step Inside 	Perspective-taking	Talking from the perspective of someone or something. Talking from the perspective of a math theorem	• Flipgrid • Book Creator • Seesaw • Spark Video
The 4C's 	Four-part routine: Connection, Challenges, Concepts, and Changes	When you are looking for key points - needs a complex idea or text Nonfiction texts Identification of key ideas Videos - like Ted Talk	• Seesaw • Screencastify • Book Creator • Sway • OneNote
Headlines	Summarizing and capturing the purpose or	Summaries Big ideas	• Slides and PowerPoint

	heart of something	Quick Reflection Being succinct	• Spark Post/Page • Collaborative Book Creator • Flipgrid
What makes you say that? 	Reasoning with evidence Identifies the heart of their perspectives	Great for accessing prior knowledge in all subject areas	• Seesaw • Socrative • Flipgrid • Teams
Question Starts 	Why...? What are the reasons...? What if...? What is the purpose of...? How would it be different if...? Suppose that...? What if we knew...? What would change if...?	All Subjects	• Spark Video • Slides or PowerPoint • Socrative • Seesaw • OneNote
Zoom In 	Asks for close attention to detail Gets kids to make real-life connections	Literature Historical Concepts Images and Art Math	• Spark Video • Screencastify • Microsoft Whiteboard